

FIFTY-FOURTH ANNUAL REPORT

OF

THE TRUSTEES

OF THE

TAUNTON INSANE HOSPITAL,

FOR THE

YEAR ENDING NOVEMBER 30, 1907.



BOSTON:
WRIGHT & POTTER PRINTING CO., STATE PRINTERS,
18 POST OFFICE SQUARE.
1908.

Mass.: Taunton State Hospital (Insane)

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No. 22

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STATE HOUSE

MASS. GOVERNMENT

APPROVED BY

THE STATE BOARD OF PUBLICATION.

WILSON, JAMES
TO
STANDARD BOOK CO.

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OFFICERS

OF THE

TAUNTON INSANE HOSPITAL.

TRUSTEES.

WILLIAM C. LOVERING,	TAUNTON.
NATHANIEL B. BORDEN,	. . . . .	FALL RIVER.
JAMES P. FRANCIS,	. . . . .	NEW BEDFORD.
ELIZABETH C. M. GIFFORD (<i>Secretary</i>),	. . . . .	BOSTON.
SUSAN E. LEAROYD,	. . . . .	WAKEFIELD.
LOYED E. CHAMBERLAIN (<i>Chairman</i>),	. . . . .	BROCKTON.
HENRY R. STEDMAN, M.D.,	. . . . .	BROOKLINE.

RESIDENT OFFICERS.

ARTHUR V. GOSS, M.D.,	. . . . .	<i>Superintendent.</i>
BENJAMIN W. BAKER, M.D.,	. . . . .	<i>Assistant Physician.</i>
HORACE G. RIPLEY, M.D.,	. . . . .	<i>Assistant Physician.</i>
FLORENCE H. ABBOT, M.D.,	. . . . .	<i>Assistant Physician.</i>
GEORGE K. BUTTERFIELD, M.D.,	. . . . .	<i>Assistant Physician.</i>
DORA W. FAXON, M.D.,	. . . . .	<i>Assistant Pathologist.</i>
RAOUL G. PROVOST, M.D.,	. . . . .	<i>Interne.</i>
HARRIETTE M. SEAVER,	. . . . .	<i>Superintendent of Training School for Nurses.</i>
JAMES C. FLYNN,	. . . . .	<i>Engineer.</i>
OTIS E. WHITE,	<i>Steward.</i>
A. A. SOUTHWICK,	<i>Farmer.</i>

TREASURER.

FRANK W. BOYNTON,	TAUNTON.
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Office at the Hospital.

Commonwealth of Massachusetts.

TRUSTEES' REPORT.

To His Excellency the Governor and the Honorable Council.

The trustees of the Taunton Insane Hospital present their fifty-fourth annual report.

The work of the hospital during the past year has been successful and gratifying. A record in detail of the number of patients admitted, dismissed, discharged and transferred, the number under treatment, showing the number of recoveries and deaths, with the exact nature of the diseases, together with much other valuable information as to the medical and other features of the hospital work, is contained in the superintendent's report, submitted to and approved by the trustees. That report is herewith transmitted.

The entire working force in the hospital has given the State conscientious service.

The high character of the service required renders it difficult, under present conditions, to secure the best material for nurses. Shorter hours of service and higher wages present attractions for many pursuits otherwise less desirable. The exacting and semi-professional nature of the work demands substantial recognition, both in shorter hours and in increased compensation.

The recommendations of the superintendent along these lines meet with the approval of the trustees, and are to be made operative. The unfortunates placed in our charge are entitled to the best the State can afford, and exhausted, overworked and underpaid nurses cannot produce the results which can be obtained if the standard is thus raised.

Public graduating exercises for the retiring class in the training school were successfully inaugurated last June, and it is the purpose of the trustees to make this a feature of the school life each year. It is a worthy recognition of faithful work, and must operate as an incentive to renewed effort on the part of the undergraduates.

Religious services have been conducted at the Raynham Farm, as at the hospital, and have been appreciated by the patients residing there.

Proper and desirable recreation has been provided for the patients through lectures, entertainments and dances in the chapel, and picnics, ball games and other sports on the grounds through the summer.

The patients make good use of the library, and avail themselves of the periodicals and papers kindly presented to the hospital by thoughtful friends. The names of those contributing may be found in the superintendent's report.

The buildings have been maintained and kept in such necessary repair as the funds at hand would permit. Repairs are needed on the old dwelling house at the Raynham Farm, new floors should be laid in some of the halls and dining rooms in the main buildings and in the brick cow barn. Means must be provided for this necessary work. We therefore ask for a special appropriation of \$2,400 for repairs and alterations on the old dwelling house at the Raynham Farm, and for laying floors on two wards in the main buildings.

The completion of the electric light plant and the installation of electric motors have given us modern conveniences, and much needed and improved facilities in the laundry, machine and carpenter shop.

The appearance of tuberculosis among the cows necessitated drastic measures, resulting in 57 out of the herd being condemned. These have been in part replaced, and more care in purchasing and more frequent testing will be the future policy of the board.

Dr. Harry W. Miller, assistant physician and pathologist, resigned after seven years of very satisfactory and successful service, to enter a larger field of work in a similar position in Dunning, Ill. The vacancy has not yet been filled, the labora-

tory work being satisfactorily carried on by Dr. Dora W. Faxon, his former assistant.

The trustees record their sorrow at the death of Mr. John Kittredge, who served the State as steward and treasurer at the hospital so faithfully for nearly half a century.

Dr. Arthur V. Goss has finished his first year of service as superintendent with credit, and seems to have a grasp on the situation and an appreciation of the necessities and requirements of the hospital, both as regards its business affairs and the needs of the patients. His long and faithful service as assistant to Dr. John P. Brown, whom he succeeded, prepared him for his new duties. In the prime of life, with high ambition in his chosen profession and with an earnest determination to succeed in his new position, the trustees expect from him increasing efficiency, and a resulting model hospital. His administration has been satisfactory to the trustees.

Harmony prevails throughout the institution, and confidence in each other marks the relation of superintendent and subordinates. This is the first requisite for success in any institution. A spirit of kindness and humanity toward those in their charge characterizes both physicians and attendants in the hospital. Any other spirit would not for a moment be tolerated by the trustees.

WILLIAM C. LOVERING.
NATHANIEL B. BORDEN.
JAMES P. FRANCIS.
ELIZABETH C. M. GIFFORD.
SUSAN E. LEAROYD.
LOYED E. CHAMBERLAIN.
HENRY R. STEDMAN, M.D.

SUPERINTENDENT'S REPORT.

To the Trustees of the Taunton Insane Hospital.

In compliance with the by-laws of your Board I present to you the fifty-fourth annual report of the superintendent, for the year ending Nov. 30, 1907.

At the beginning of the year there were in the hospital 943 patients, — 498 men and 445 women. There were admitted within the year 577, — 315 men and 262 women, — 245 men and 202 women by commitment, 6 men and 20 women by transfer, making the whole number of cases under treatment 1,520, which is 101 more cases than were under treatment the previous year.

There were dismissed during the year 606 patients, — 323 men and 283 women, — as follows: 43 were discharged as recovered, 45 as capable of self-support, 89 as improved, 26 as not improved, 2 as not insane, 123 died, 3 of those who escaped were still at large, and 94 were out on visit at the close of the statistical year. Of the 606 cases dismissed, 9 women were under commitment as dipsomaniacs or inebriates; of these, 5 were discharged as capable of self-support, 1 as improved, 1 died, 1 was transferred and 1 was on visit October 1. The daily average number was 943.8, which is 1.2 less than the previous year. Of those discharged recovered, 7 had been insane less than one month, 19 less than twelve months, and the whole duration of insanity in 40.9 per cent. of those who recovered did not exceed one year.

The transfers by the State Board of Insanity were as follows: 50 were transferred to the Medfield Insane Asylum, 25 to the Worcester Insane Asylum, 25 to the Insane Wards, State Hospital at Tewksbury, 55 to the Foxborough State Hospital, 4 to the State Asylum for Insane Criminals at State Farm, 2 to the Danvers Insane Hospital, 1 to the Northampton State

Hospital, 1 to the McLean Hospital, 1 to the Boston Insane Hospital, 17 to family care, and 33 were removed from the State, having no settlement in the State. Eleven patients were deported by the commissioner of immigration.

The number of recoveries were 13 more than last year. The percentage of recoveries calculated on the admissions was 7.6; calculated on the discharges it was 8.5.

One hundred and twenty-three patients died during the year, 17 more than last year. Seven died of general paralysis, while 19 general paralytics died from other causes, 1 of organic brain disease, 5 of some form of tuberculosis, 6 of cerebral hemorrhage, and 14 of some form of organic heart disease. Of those dying of acute disorders, 23 died of some form of pneumonia, 20 of acute gastric and intestinal disorders, and 1 of acute delirium. The percentage of deaths calculated on the daily average number of patients was 12; calculated on the whole number under treatment it was 9.4.

There were 9 cases of malaria, 1 primary and 8 secondary, as against 18 cases last year. There were 5 cases of erysipelas, the same number as last year. There were 26 cases of pneumonia, 16 men and 10 women, 23 of whom died. These cases were nearly all terminal cases, occurring in old, enfeebled, bedridden persons.

For many years we have had a large number of cases of acute enteric disorders during the months of July and August. This year we had more cases than usual, 118 in all, — 14 men and 104 women. Of these, 13, 1 man and 12 women, were nurses. Twenty-five of these cases, 3 men and 22 women, were distinctly dysenteric in character. Of these 118 cases, 19, 4 men and 15 women, died. The known cases of tuberculosis in the hospital at present are 3 in number, 2 men and 1 woman.

Six patients escaped during the year, 3 of whom were returned.

Five hundred and forty-three patients, 403 men and 140 women, have been employed in the various departments of the hospital. Efforts have been made during the year to adapt employment to the individual taste and capability of the patient, and to extend the sphere of employment wherever possible. Our three ox teams are handled entirely by patients. For

the past ten months a patient has acted as librarian in the hospital library, and has discharged his duties to the satisfaction of all concerned. Three patients have been employed in the offices at clerical work, and for several months one patient did full duty as stenographer satisfactorily. Three patients play instruments in the hospital orchestra, and three others are regular members of the choir. On the male wards, throughout the year, patients have done much unclassified but very helpful and necessary work, such as cleaning, pressing and repairing clothing. Many women patients for their own pleasure and profit do, in the course of a year, much knitting, crocheting, embroidery and fine needle work, suggesting many possibilities for future development. It is unnecessary to dwell on the marked physical and mental benefit produced by regular employment as it is recognized by all. One hundred and fifty-four patients, 124 men and 30 women, have had full parole of the grounds, and 12 men have had partial parole.

Dr. Curtis W. Farrington of Boston has continued his dental work during the year. The aggregate amount of work done by him is as follows: teeth extracted, 418; sets teeth cleaned, 205; teeth treated, 23; fillings, cement, 90; fillings, silver, 61; roots filled, 1; enamel fillings, 4; sets of false teeth made, 2; plate polished, 1; total number of patients treated, 315.

The graduating exercises of the training school for nurses were made public for the first time last June, when 12 women nurses received diplomas, the largest number in the history of the school. The chairman of your Board, Hon. Loyed E. Chamberlain, delivered the address and presented the diplomas. The exercises were fully attended, both by the friends of the nurses and by the citizens of Taunton. The school now has 35 pupils, 27 women and 8 men. Several of our graduate nurses resigned during the year to pursue postgraduate courses, to take other responsible positions or to engage in private nursing. While we cannot be otherwise than gratified at the success of our graduates in other fields of labor, it is a serious loss to the hospital to be deprived each year of several of our best trained and most competent nurses.

Everett H. Leonard, farmer at the Raynham Farm, was granted leave of absence last June for his health. Mr. Leonard

has been in charge of the farm since it was first occupied, in 1899, and has been a faithful and efficient manager. We have received gratifying reports as to his improved health, and hope that he may soon be able to return. In spite of his absence the Raynham Farm has had a successful year, and is now caring for 72 patients. Beginning with the first Sunday in last March, religious services have been conducted at the farm the first Sunday in each month. Both employees and patients have taken an active interest in these services.

The electric light plant has been completed and electric motors installed to operate the machinery in the laundry, and machine and carpenter shops. Considerable work in painting and general repairs has been done during the year, but lack of funds has necessitated postponing much necessary work until the coming year. A new floor is needed in the brick cow barn and general repairs in the horse stable. In addition, repairs are needed on the old dwelling house at the Raynham Farm, and new floors are needed on M 7 and M 8 halls, dining rooms and corridors. I therefore recommend that a special appropriation of \$2,400 be asked for for repairs and alterations on the old dwelling house at the Raynham Farm, and for laying floors on two wards in the main hospital buildings.

A small grist mill was installed early in the year. A paroled patient has acted as miller, and has given good service. This has enabled us to grind and mix our own feed, thus saving something on our grain bill.

Last August tuberculosis was detected in both of our herds of cows. They were tested under the direction of Dr. Austin Peters, Chairman of the Cattle Bureau, with the result that 57 out of a total of 84 were condemned.

As a new floor was needed in the brick cow barn, it seemed wise to lay it before again using the barn for cows. Lack of funds, however, necessitated postponing the work until the coming year. The cow barn at the Raynham Farm was thoroughly cleaned and disinfected, according to the directions of Dr. Peters. We then bought 37 tested cows, all that we had accommodations for at the Raynham Farm. It is our intention to buy only tested cows, and to have the herds tested twice yearly in the future.

It has been increasingly difficult for a number of successive years to secure a sufficient number of young men and women, of the proper quality, to supply the vacancies in our corps of nurses. While the causes for this condition may not all be apparent, two seem to predominate, — the wages paid and the hours of labor. While the wages of other occupations have increased materially during the last few years, the wages paid to nurses in our State hospitals have remained practically unchanged. Recent legislation, moreover, has, either directly or indirectly, shortened the hours of labor of nearly all classes of hospital employees with the exception of the class most needing such relief, namely, our nurses.

I therefore recommend that in estimating our maintenance appropriation we make provision for a reduction in the hours of labor for nurses, together with an increase in wages. I would recommend a ten-hour day six days per week. I would recommend that men nurses be paid \$25 the first year and \$30 the second, and that women nurses be paid \$20 the first year and \$25 the second.

The per capita cost of maintenance is \$4.17, the same as the year previous.

Entertainments were given in chapel each week as usual, from November until April, a social dance and a stereopticon lecture alternating. The regular stereopticon lectures were given by Drs. Baker and Abbot, Mr. White, steward, and Miss Seaver, superintendent of training school for nurses. Rev. Joel Metcalf gave a much enjoyed lecture on Oxford. Mrs. Earl B. Duffy and friends of St. John's parish gave one of their bright musical entertainments. The Kentucky Belles, a local organization of young women, some of whom are hospital employees, gave two excellent minstrel shows. Thanksgiving, Christmas and July 4 were observed as usual, and the usual number of picnics were enjoyed in the grove during the summer. Through the liberality of the managers of the Bristol County Fair 242 of our patients were enabled to attend, a privilege much enjoyed and appreciated.

Periodicals and papers were given by the following parties: Dr. Henry R. Stedman, Brookline, Mass.; Mrs. Ann E. Goss, Chelsea, Vt.; Mr. William Reed, Mrs. Dudley M. Holman, Rev. N. P. Toby, Mr. John Kittredge, all of Taunton. Milton

Reed, Esq., a former member of your Board, recently presented the hospital library with a number of valuable books. "The New Bedford Daily Mercury" and "The Old Colony Memorial" continue to be received free of charge.

Dr. Harry W. Miller, assistant physician and pathologist, resigned last June, to accept the position of psycho-pathologist in The Cook County Institutions, Dunning, Ill. By Dr. Miller's resignation the hospital loses a competent pathologist and a faithful, hard-working officer. His social qualities won him many friends, both in the hospital and in the community at large, who all cordially wish him success in his new field of labor. His position has not as yet been filled. The laboratory work has been satisfactorily conducted by the assistant pathologist, Dr. Dora W. Faxon.

PATHOLOGICAL REPORT.

The work of the pathological laboratory for the period ending Nov. 30, 1907, has been as follows: —

There have been 25 autopsies; males, 13; females, 12. Mental diseases coming to autopsy are as follows: —

General paralysis,	7	Involution psychosis,	1
Senile dementia,	5	Imbecility,	1
Dementia præcox (2 of which were katatonic cases),	5	Acute alcoholic insanity,	1
Manic-depressive insanity,	3		
Organic brain disease (arterio- sclerosis),	2	Total,	25

The causes of death in cases coming to autopsy are as follows: —

Lobar-pneumonia,	2	Organic heart disease and cerebral thrombosis (lateral sinus),	1
Bronchopneumonia,	2	Meningitis and cerebellar ab- scess,	1
Acute bronchitis,	1	Organic heart disease,	1
Pulmonary tuberculosis (with abscess),	2	Fatty degeneration of heart,	1
Miliary tuberculosis (general),	1	Pernicious anæmia,	1
Septicæmia,	3	Carcinoma of omentum,	1
Perineal abscess,	1	Strangulated umbilical hernia,	1
General paralysis (with convul- sions),	1	Chronic interstitial pancreatitis,	1
Acute alcoholic insanity,	1	Chronic gastroenteritis,	1
Cerebral arteriosclerosis,	1		
Cerebral hemorrhage,	1	Total,	25

Although it has been frequently remarked by members of the staff that the autopsies always prove instructive, several have been of exceptional value; among them are the following: —

Cerebrospinal meningitis with cerebellar abscess, extension of otitis media.

Pernicious anæmia.

Carcinoma of the omentum.

Chronic interstitial pancreatitis.

That of case No. 17290 (autopsy No. 1587) was notable because of the large number of advanced pathological conditions existing in a woman who died of general paralysis, with convulsions and bronchopneumonia. The anatomical diagnosis showed: —

General paralysis of fifteen or sixteen years duration.

• Double bronchopneumonia.

Tuberculosis of right lung (caseous cavity).

Gastric ulcer (pyloric).

Fibroid uterus (large).

Biliary calculi (2, each the size of a large walnut).

The case of chronic gastroenteritis showed the walls of the stomach and intestinal tract covered with a thick, greenish, mucous coating, so tenacious as to be difficult to remove.

During his last year in Taunton Dr. Miller was a member of the tuberculosis committee of the North Bristol Medical Society, and gave two lectures in the Tuberculosis Convention, held for one week in the High School. Mounted specimens and microscopes were loaned from the hospital laboratory.

Dr. Miller produced papers on Addison's Disease and Cotard's Syndrome, which were presented at the medical societies.

The general clinical laboratory work has been carried on as previously, comprising 413 urinalyses and numerous examinations of blood, pus, sputum, effusions, stomach contents, as well as the examination of several small growths removed in operation. Several specimens have been added to the collection in gelatine mounting.

During the examination of the cows in August, specimens

of milk were examined, and the internal organs from 7 cows were prepared and examined microscopically; findings as per special report at that time.

Dr. Raoul G. Provost, a graduate of the University of Vermont Medical College, class of 1907, was appointed interne and entered upon his duties August 1.

Last year I reported the resignation of Mr. John Kittredge, after a service of forty-four years. His many friends in the hospital and community were saddened by his death, which occurred at his residence in this city, July 12, 1907. Although he had attained the ripe age of eighty years, he was comparatively free from the infirmities of age until a few months before his death. Up to the last he maintained his active interest in the hospital he had served so long and so faithfully. Only a few days before he came down with the illness that proved fatal, he visited your superintendent in his office, and showed the keenest interest in everything pertaining to the welfare of the institution. In last year's report it was erroneously stated that he was treasurer for forty-four years. He was clerk and steward for Dr. Choate, your first superintendent, for eight years, and treasurer for thirty-six years, making forty-four years in the hospital service.

The medical staff and other hospital officials have rendered faithful, efficient and conscientious service throughout the year. Our nurses and other employees have also for the most part been faithful, loyal and efficient. Without the hearty and loyal co-operation of officers and employees no administration can be successful.

Finally, I desire to thank your Board for the hearty support and co-operation that you have one and all afforded me during a very trying year. That we may be able to accomplish more in the coming year than in the year that has passed is my earnest desire.

ARTHUR V. GOSS,
Superintendent.

OFFICERS AND THEIR SALARIES.

ARTHUR V. GOSS, M.D., <i>Superintendent</i> ,	\$2,500 00
BENJAMIN W. BAKER, M.D., <i>Assistant Physician</i> ,	1,500 00
FLORENCE H. ABBOT, M.D., <i>Assistant Physician</i> ,	1,000 00
HORACE G. RIPLEY, M.D., <i>Assistant Physician</i> ,	1,000 00
GEORGE K. BUTTERFIELD, M.D., <i>Assistant Physician</i> ,	700 00
DORA W. FAXON, M.D., <i>Assistant Pathologist</i> ,	600 00
RAOUL G. PROVOST, M.D., <i>Interne</i> ,	500 00
FRANK W. BOYNTON, <i>Treasurer</i> ,	1,200 00
OTIS E. WHITE, <i>Steward</i> ,	1,200 00
JAMES C. FLYNN, <i>Engineer</i> ,	1,200 00

V A L U A T I O N .

Nov. 30, 1907.

Land, 330 acres,	\$52,100 00
Hospital buildings,	415,000 00
Brick barn and stable,	8,000 00
New barn,	5,000 00
New stable,	4,000 00
Laundry building,	16,000 00
Industrial building,	12,000 00
Nurses' home buildings,	86,300 00
Other buildings and wall,	30,600 00
	\$629,000 00

PERSONAL ESTATE.

Live stock on the farms,	\$8,359 00
Produce of the farms on hand,	5,207 70
Carriages and agricultural implements,	8,842 70
Other property of the farms,	560 00
Machinery and mechanical fixtures,	46,985 00
Beds and bedding in inmates' department,	32,324 77
Other furniture in inmates' department,	14,523 66
Personal property of the State in the superintendent's department,	19,724 24
Dry goods and clothing,	5,322 51
Provisions and groceries,	2,690 58
Drugs and medicines,	600 00
Fuel,	860 00
Library,	1,800 00
Other supplies undistributed,	1,964 85
	149,765 01
	\$778,765 01

TREASURER'S REPORT.

I respectfully submit the following report of the finances of the institution for the year ending Nov. 30, 1907, to the trustees: —

RECEIPTS.

Balance of receipts with the State Treasurer		
Nov. 30, 1906,	\$33,163 26	
Balance of maintenance appropriation with State Treasurer,		
Nov. 30, 1906,	\$32,534 42	
Less amount reverting to State treasury,	14,687 50	
	<hr/>	
	17,846 92	
Maintenance appropriation for 1907,	170,236 74	
	<hr/>	
		\$221,246 92
To support of patients, viz.: —		
From cities and towns,	\$196 58	
From soldiers' relief,	—	
From individuals,	18,099 01	
Reimbursements, viz.: —		
Received at institution,	9,048 14	
Received by Board of Insanity,	2,524 57	
Received by Board of Charity and other agencies,	74 29	
	<hr/>	
		29,942 59
Rent,	\$135 00	
Telephone charges refunded,	4 05	
Express charges refunded,	30 81	
Travelling expenses refunded,	10 85	
Use of team,	4 00	
Board,	102 00	
Labor,	64 20	
	<hr/>	
		350 91
Sales, viz.: —		
Foods,	\$2 17	
Clothing and clothing material,	294 26	
Farm, stable and grounds,	1,079 11	
Miscellaneous,	355 00	
	<hr/>	
Total sales,		1,830 54
		<hr/>
Total receipts,		\$253,370 96

PAYMENTS.

Total payments, as per detailed statement,	221,246 92
	<hr/>
Balance with State Treasurer Nov. 30, 1907,	\$32,124 04

EXPENDITURES.

Salaries, wages and labor : —

Medical officers, stenographers and druggist, .	\$10,052 82
General administration,	28,363 89
Ward service,	33,509 32
Farm, stable and grounds,	8,948 87

\$80,874 90

Food : —

Butter,	\$12,867 30
Butterine,	1,621 50
Beans,	934 63
Bread and crackers,	446 85
Cereals, rice, meal, etc.,	1,689 52
Cheese,	67 32
Eggs,	3,921 99
Flour,	5,194 22
Fish,	2,857 85
Fruit (dried and fresh),	3,325 21
Meats,	13,057 30
Milk,	2,115 88
Molasses and syrup,	329 00
Sugar,	2,983 05
Tea, coffee, broma and cocoa,	2,287 44
Vegetables,	3,843 19
Lard,	694 02
Sundries,	1,774 81

60,011 08

Clothing and clothing material : —

Boots, shoes and rubbers,	\$253 66
Clothing,	1,162 09
Dry goods for clothing, and small wares, .	1,163 72
• Furnishing goods,	900 16
Hats and caps,	182 58
Leather and shoe findings,	523 76
Sundries,	358 16

4,544 13

Furnishings : —

Beds, bedding, table linen, etc.,	\$6,818 66
Brushes, brooms, etc.,	339 11
Carpets, rugs, etc.,	1,001 30
Crockery, glassware, cutlery, etc.,	480 65
Furniture and upholstery,	538 18
Kitchen furnishings,	516 85
Wooden ware, buckets, pails, etc.,	54 18
Sundries,	539 04

10,287 97

Amount carried forward, \$155,718 08

Amount brought forward, \$155,718 08

Heat, light and power : —

Coal,	\$19,337 48
Charcoal,	110 25
Gas,	1,260 13
Oil,	430 03
Sundries,	89 30

21,227 19

Repairs and improvements : —

Brick,	\$75 25
Cement, lime and plaster,	57 40
Electrical work and supplies,	1,410 39
Hardware,	433 81
Lumber,	336 94
Machinery, etc.,	128 13
Paints, oils, glass, etc.,	1,355 54
Plumbing, steam fitting and supplies,	916 78
Roofing and materials,	21 28
Mechanics and laborers (not on pay roll),	5,434 57
Sundries,	867 26

11,037 35

Farm, stable and grounds : —

Blacksmith and supplies,	\$522 42
Carriages, wagons and repairs,	738 40
Fertilizers, vines, seeds, etc.,	941 81
Hay,	1,396 34
Grain,	6,045 56
Harness and repairs,	163 57
Horses,	250 00
Cows,	2,645 95
Other live stock,	483 00
Labor (not on pay roll),	101 00
Rent,	20 00
Tools, farm machines, etc.,	255 10
Sundries,	1,096 15

14,659 30

Miscellaneous : —

Books, periodicals, etc.,	\$301 30
Chapel services and entertainments,	1,339 21
Freight, expressage and transportation,	1,730 11
Funeral expenses,	173 59
Hose, etc.,	261 45
Labor (not on pay roll),	175 00
Medicines and hospital supplies,	1,974 58
Medical attendance, nurses, etc. (extra),	79 00
Postage,	547 07
Printing and printing supplies,	818 83

Amounts carried forward, \$7,400 14 \$202,641 92

<i>Amounts brought forward,</i>	. . .	\$7,400 14	\$202,641 92
Printing annual report,	. . . . .	174 59	
Return of runaways,	. . . . .	2 40	
Soap and laundry supplies,	. . . . .	1,438 08	
Stationery and office supplies,	. . . . .	488 92	
Travel and expenses (officials),	. . . . .	779 51	
Telephone and telegraph,	. . . . .	658 08	
Tobacco,	. . . . .	824 57	
Water,	. . . . .	4,823 39	
Laboratory supplies,	. . . . .	95 70	
Sundries,	. . . . .	1,919 62	
			18,605 00
Total expenditures,	. . . . .		\$221,246 92

The foregoing statement of expenditures includes \$17,846.92, amount of bills payable on hand Nov. 30, 1906.

Deducting from total expenditures,	. . . . .	\$221,246 92
Amount of bills payable Nov. 30, 1906,	. . . . .	17,846 92
Leaves a balance of total expenditures for the year ending Nov. 30, 1907, of	. . . . .	\$203,400 00
Dividing this sum by 938, the average number of patients, we have the annual cost of each patient,	. . . . .	\$216 84
And the average weekly cost of	. . . . .	\$4 17

FINANCIAL STATEMENT.

The following is a statement of the appropriation made by the Legislature of 1906 for completing the electric lighting and cold-storage plants, for an addition to the steam-heating plant and for general repairs and for painting:—

Amount of appropriation,	. . . . .	\$15,000 00
Drawn to Nov. 30, 1906,	. . . . .	\$7,528 34
Since drawn to date, viz :—		
Electric lighting and cold-storage plants,	. . . . .	\$1,943 50
Addition to the steam-heating plant and general repairs,	. . . . .	3,096 36
Painting,	. . . . .	911 15
		5,951 01
		13,479 35
Balance of appropriation,	. . . . .	\$1,520 65

FRANK W. BOYNTON,
Treasurer.

HOME FARM PRODUCE.

VALUE OF FARM PRODUCE FROM DEC. 1, 1906, TO DEC. 1, 1907.

92,158	quarts milk,	\$4,607 90
425 $\frac{1}{3}$	dozen eggs,	148 87
1,400	pounds asparagus,	210 00
12	bushels lima beans,	6 00
92	bushels shelled beans,	115 00
232	bushels beets,	116 00
50	bunches beets,	2 50
1,800	pounds cabbages,	72 00
3	boxes cauliflower,	3 00
61	bushels carrots,	36 60
154	boxes celery,	130 90
14,329	cucumbers,	143 29
188 $\frac{2}{3}$	bushels corn,	141 50
2	barrels egg plants,	4 00
50	bunches herbs,	5 00
400	boxes lettuce,	300 00
30	bunches leeks,	1 50
53	bushels onions,	45 05
1	bushel onions,	85
286 $\frac{4}{5}$	bushels parsnips,	136 30
400	bunches parsley,	20 00
21	bushels peppers,	15 75
28 $\frac{1}{2}$	bushels pickles,	45 60
46	bushels peas,	46 00
180	dozen bunches radishes,	72 00
4,500	pounds rhubarb,	90 00
200	bunches sage,	10 00
100	bunches summer savory,	5 00
42	barrels squash,	63 00
$\frac{2}{3}$	barrel summer squash,	67
240	bushels spinach,	96 00
221	bushels tomatoes,	165 75

RAYNHAM FARM PRODUCE.

VALUE OF RAYNHAM FARM PRODUCE FROM DEC. 1, 1906, TO DEC. 1, 1907.

131,066	quarts milk,	\$6,553 30
659 $\frac{3}{4}$	dozen eggs,	230 91
2	boxes asparagus,	9 50
10	bushels shelled beans,	12 50
20 $\frac{1}{4}$	bushels string beans,	14 18
73 $\frac{3}{4}$	bushels beets,	36 88
2 $\frac{3}{4}$	bushels beet greens,	96
51 $\frac{1}{4}$	bushels carrots,	30 75
2	dozen bunches celery,	1 70
20	bushels green corn,	15 00
7,935	heads cabbage,	396 75
26	boxes cucumbers,	52 00
9	boxes lettuce,	6 75
32	bushels mangel beets,	8 00
11 $\frac{1}{4}$	bushels onions,	9 56
48	bushels parsnips,	36 00
54	bushels peas,	54 00
95	bushels potatoes,	76 00
275	pounds pumpkins,	8 25
4	dozen bunches radishes,	1 60
42	pounds rhubarb,	84
6	barrels squash,	9 00
4 $\frac{1}{2}$	bushels spinach,	1 80
8	bushels tomatoes,	6 00
8	bushels green tomatoes,	4 00
236	barrels turnips,	295 00
35	watermelons,	5 25
16 $\frac{1}{2}$	barrels apples,	49 50
17	boxes blackberries,	1 70
179	boxes currants,	19 69
11	boxes gooseberries,	1 21

170	pounds grapes,	.	.	.	.	.	.	.	\$5 10
10	boxes raspberries,	.	.	.	.	.	.	.	1 00
4,424	boxes strawberries,	.	.	.	.	.	.	.	353 92
5,296	pounds beef,	.	.	.	.	.	.	.	317 76
190	pounds veal,	.	.	.	.	.	.	.	20 90
500	pounds pork,	.	.	.	.	.	.	.	40 00
269	pounds fowl,	.	.	.	.	.	.	.	40 35
231	pounds chicken,	.	.	.	.	.	.	.	50 82
203½	tons hay,	.	.	.	.	.	.	.	3,663 00
159	tons ensilage,	.	.	.	.	.	.	.	795 00
10	tons grass,	.	.	.	.	.	.	.	50 00
20,856	feet lumber,	.	.	.	.	.	.	.	521 40
66½	cords wood,	.	.	.	.	.	.	.	299 25
25	posts,	.	.	.	.	.	.	.	5 00
24	cows,	.	.	.	.	.	.	.	336 00
26	calves,	.	.	.	.	.	.	.	52 00
1	bull,	.	.	.	.	.	.	.	20 00
	Hides, tallow, junk, etc.,	.	.	.	.	.	.	.	115 30
200	tons ice,	.	.	.	.	.	.	.	600 00

\$15,235 83

WORK DONE IN THE SEWING ROOM

FROM DEC. 1, 1906, TO NOV. 30, 1907.

313 wrappers.	62 pairs men's wristers.
4 dresses.	4 dressing sacks.
4 chapel dresses	2 barber's aprons.
11 strong gingham dresses.	12 leather cushion covers.
4 shirt waist suits.	1 marking pad.
11 strong dresses.	6 chair tidies.
5 duck camisoles.	4 canton flannel stockings.
19 canton flannel camisoles.	55 long nightdresses.
28 camisole's sleeves.	171 short nightdresses.
3 dresses repaired.	151 white curtains.
22 bureau covers.	122 sash curtains.
3 chemises.	4 lace curtains repaired.
161 pairs women's cotton drawers.	103 mattress ticks.
15 pairs women's flannel drawers.	181 pillow ticks.
66 flannel shirts.	3 canvas pillow ticks.
58 gingham shirts.	6 attendant's laundry bags.
4 chair covers.	60 hall laundry bags.
1 chair tick.	24 pairs duck mittens.
7 hassock ticks.	310 sick shirts.
7 hall cushion covers.	2 corset covers.
6 milk strainers.	123 white aprons.
18 coffee strainers.	280 nurses' aprons.
65 table cloths.	54 nurses' bibs.
14 table covers.	583 nurses' caps.
168 table napkins.	3 skull caps.
26 mattings bound.	213 bibs.
4 blankets bound.	116 men's shirts.
45 rugs hemmed.	26 men's drawers.
262 sick cloths.	681 bath towels.
37 bread covers.	219 attendants' towels.
14 stock collars.	242 single roller towels.
113 kitchen aprons.	893 pillow slips.
24 kitchen holders.	38 officers' slips.
13 pairs men's suspenders.	279 draw sheets.
73 men's neckties.	42 officers' sheets.
6 pairs cloth mittens.	554 hall sheets.

MENDING DONE IN THE SEWING ROOM

FROM DEC. 1, 1906, TO NOV. 30, 1907.

875 pairs pants.	19 jumpers.
1,562 pairs drawers.	35 hall laundry bags.
60 pairs overalls.	290 hay beds.
4,715 pairs stockings.	18 ticking aprons.
121 white shirts.	14 strong dresses.
1,961 colored shirts.	72 camisoles.
634 undershirts.	2 carpets.
230 short shirts.	4 strong gingham dresses.
41 nightshirts.	21 spreads.
147 vests.	3 surgical gowns.
308 coats.	1 surgical apron.
145 summer coats.	

WORK DONE ON THE WARDS

FROM DEC. 1, 1906, TO NOV. 30, 1907.

592 hall sheets.	48 operating room towels.
62 draw sheets.	12 fomentation towels.
446 pillow slips.	14 tray cloths.
703 single roller towels.	418 sick cloths.
140 double roller towels.	17 dusters.
589 linen towels.	76 gingham aprons.
1,422 bath towels.	56 ticking aprons.
74 table cloths.	5 ladies' skirts.
372 table napkins.	84 men's suspenders.
9 stand covers.	4 rugs hemmed.
6 chair covers.	35 laundry bags.
37 commode covers.	411 bibs.
16 bread covers.	9 crocheted table mats.

WORK DONE IN THE UPHOLSTERING DE- PARTMENT OF THE INDUSTRIAL BUILDING

FROM DEC. 1, 1906, TO NOV. 30, 1907.

638 mattresses made.	12 parlor chairs upholstered.
645 pillows made.	7 hassocks upholstered.
560 mattresses renovated.	2 cushions repaired.
500 pillows renovated.	2 sofas repaired.
11 long settee cushions uphol- stered.	1 easy chair repaired.
16 chair cushions upholstered.	5 parlor chairs repaired.
5 sofas upholstered.	5 barber chairs covered.
6 easy chairs upholstered.	2 infirmiry chairs covered.
2 rocking chairs upholstered.	2,750 pounds curled hair hand picked.

WORK DONE IN SHOE AND REPAIR SHOP

FROM DEC. 1, 1906, TO NOV. 30, 1907.

134 men's pants made.	74 men's coats repaired.
120 men's overalls made.	86 blankets repaired.
88 men's jumpers made.	11 carpets repaired.
18 men's vests made.	24 camisoles repaired.
8 men's camisoles made.	4 suspenders repaired.
12 pairs canvas mittens made.	34 pairs rubber boots repaired.
24 pairs cloth mittens made.	394 pairs men's shoes repaired.
72 door mats made.	105 pairs men's slippers repaired.
22 straps made.	206 women's shoes repaired.
146 pairs men's shoes made.	98 women's slippers repaired.
130 pairs men's slippers made.	246 pairs rubber heels put on shoes.
87 pairs women's slippers made.	38 chairs caned.
20 pairs women's shoes made.	34 chairs basket bottomed.
600 men's pants repaired and pressed.	11 chairs wood bottomed.
300 men's coats repaired and pressed.	16 chairs repaired.
363 men's vests repaired and pressed.	52 floor brushes made.
119 men's suits repaired and pressed.	42 settees painted and varnished.
	12 bureaus painted and varnished.
	14 bed-side tables varnished.
	475 chairs varnished and scraped.
	112 bedsteads painted.

STATISTICAL TABLES.

[FORM PRESCRIBED BY STATE BOARD OF INSANITY.]

1. — General Statistics of the Year.

	INSANE.			DIPSOMANIAC OR INEBRIATE.			AGGREGATES.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Patients in hospital Oct. 1, 1906,	498	442	940	-	3	3	498	445	943
Admitted within the year,	315	252	567	-	10	10	315	262	577
Viz.: by commitment,	245	196	441	-	6	6	245	202	447
by transfer,	6	20	26	-	-	-	6	20	26
from escape,	1	-	1	-	-	-	1	-	1
from visit, ¹	63	36	99	-	4	4	63	40	103
Whole number of cases within the year,	813	694	1,507	-	13	13	813	707	1,520
Dismissed within the year,	323	274	597	-	9	9	323	283	606
Viz.: discharged,	121	78	199	-	6	6	121	84	205
as recovered at time of leaving the hospital,	23	20	43	-	-	-	23	20	43
as capable of self-support,	34	6	40	-	5	5	34	11	45
as improved,	47	41	88	-	1	1	47	42	89
as not improved,	16	10	26	-	-	-	16	10	26
as not insane,	1	1	2	-	-	-	1	1	2
died,	59	63	122	-	1	1	59	64	123
transferred,	89	91	180	-	1	1	89	92	181
escaped,	3	-	3	-	-	-	3	-	3
on visit October 1,	51	42	93	-	1	1	51	43	94
Patients remaining Sept. 30, 1907,	490	420	910	-	4	4	490	424	914
Viz.: supported as State patients,	432	334	766	-	3	3	432	337	769
as private patients,	28	51	79	-	1	1	28	52	80
as reimbursing patients,	30	35	65	-	-	-	30	35	65
Number of different persons within the year,	749	649	1,398	-	13	13	749	662	1,411
Number of persons admitted,	255	216	471	-	6	6	255	222	477
Number of different persons admitted by commitment,	243	194	437	-	6	6	243	200	443
Number of different persons dismissed,	263	238	501	-	9	9	263	247	510
Number of persons recovered,	23	20	43	-	-	-	23	20	43
Number of different persons discharged, capable of self-support,	34	6	40	-	6	6	34	12	46
Daily average number of patients,	500.4	439.9	940.3	-	3.5	3.5	500.4	443.4	943.8
Viz.: State patients,	441.92	355.17	797.09	-	3.34	3.34	441.92	358.51	800.43
private patients,	26.5	53.2	79.7	-	.16	.16	26.5	53.36	79.86
reimbursing patients,	31.98	31.53	63.51	-	-	-	31.98	31.53	63.51
Nominally admitted for discharge,	58	33	91	-	4	4	58	37	95

¹ Nominally admitted for discharge.

2. — *Insane received on First and Subsequent Commitments.*

NUMBER OF THE ADMISSION.	CASES COMMITTED.		
	Males.	Females.	Totals.
First to this hospital,	225	178	403
Second to this hospital,	12	15	27
Third to this hospital,	3	1	4
Fourth to this hospital,	2	1	3
Fifth to this hospital,	—	1	1
Sixth to this hospital,	—	1	1
Seventh to this hospital,	1	—	1
Total cases,	243	197	440
Total persons,	240	194	434
Never before in any hospital for the insane, .	203	156	359

3. — *Nativity and Parentage of Insane Persons first admitted to Any Hospital.*

PLACES OF NATIVITY.	MALES.			FEMALES.			TOTALS.		
	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.
Massachusetts,	58	31	29	53	20	25	111	51	54
Other New England States,	12	11	11	14	8	10	26	19	21
Other States,	13	8	7	7	4	5	20	12	12
Total native,	83	50	47	74	32	40	157	82	87
Other countries:—									
Africa,	2	3	2	1	1	1	3	4	3
Asia,	—	—	—	1	1	1	1	1	1
Austria-Hungary,	4	4	4	—	—	—	4	4	4
Azores,	3	2	2	2	2	2	5	4	4
Canada,	31	24	23	23	24	20	54	48	43
Cape Verde Islands,	3	2	3	—	—	—	3	2	3
England,	20	18	19	16	19	16	36	37	35
Germany,	3	3	4	1	2	2	4	5	6
Ireland,	22	39	43	25	37	38	47	76	81
Italy,	8	2	2	1	1	1	9	3	3
Norway,	1	2	2	—	—	—	1	2	2
Portugal,	2	1	1	1	1	1	3	2	2
Russia,	7	3	3	3	3	3	10	6	6
Scotland,	2	5	2	—	—	1	2	5	3
Spain,	—	1	—	3	4	—	3	5	—
Sweden,	3	4	4	1	1	2	4	5	6
Switzerland,	—	—	—	—	—	1	—	—	1
Turkey,	1	1	1	1	1	—	2	2	1
Wales,	—	—	—	—	—	1	—	—	1
West Indies,	1	2	2	—	—	—	1	2	2
Total foreign,	113	116	117	79	97	90	192	213	207
Unknown,	7	37	39	3	27	26	10	64	65
Totals,	203	203	203*	156	156	156	359	359	359

4. — *Residence of Insane Persons admitted by Commitment.*

PLACES.	FIRST ADMITTED TO ANY HOSPITAL.			OTHER ADMISSIONS.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Barnstable County, . . .	9	2	11	1	—	1	10	2	12
Bristol County, . . .	118	104	222	19	20	39	137	124	261
Middlesex County, . . .	—	—	—	—	1	1	—	1	1
Nantucket County, . . .	—	1	1	—	—	—	—	1	1
Norfolk County, . . .	19	4	23	7	6	13	26	10	36
Plymouth County, . . .	23	24	47	10	6	16	33	30	63
Suffolk County, . . .	34	21	55	3	5	8	37	26	63
Totals, . . .	203	156	359	40	38	78	243	194	437
Viz., cities or towns (10,000 or over), . . .	147	112	259	21	22	43	168	134	302
country districts (under 10,000), . . .	56	44	100	19	16	35	75	60	135

5. — *Civil Condition of Insane Persons first admitted to Any Hospital.*

	Males.	Females.	Totals.
Unmarried,	78	63	141
Married,	92	68	160
Widowed,	21	22	43
Divorced,	2	2	4
Totals,	193	155	348
Unknown,	10	1	11
Totals,	203	156	359

6. — *Occupations of Insane Persons first admitted to Any Hospital.*

MALES.

Baker,	1	Mason,	1
Barber,	1	Mechanic,	1
Bartenders,	3	Merchant,	1
Beer bottler,	1	Mill operatives,	12
Blacksmiths,	3	Morocco dresser,	1
Bleachery employee,	1	Motorman,	1
Bookkeepers,	3	Moulders,	3
Brakeman,	1	Music teacher,	1
Bricklayer,	1	No occupation,	24
Brickmaker,	1	Overseer,	1
Butchers,	2	Painters,	6
Cap maker,	1	Pharmacist,	1
Carpenters,	9	Piano maker,	1
Chemist,	1	Police officer,	1
Clerks,	3	Porter,	1
Coal heaver,	1	Printers,	3
Cobbler,	1	Poultry dresser,	1
Confectioner,	1	Rubber worker,	1
Cooks,	2	Shoe cutter,	1
Cooper,	1	Shoe operatives,	6
Deputy sheriff,	1	Solicitor,	1
Die cutter,	1	Stoker,	1
Engineers,	3	Stone cutter,	1
Farmers,	3	Stone mason,	1
Fireman,	1	Switchman,	1
Fruit dealer,	1	Teamsters,	5
Gardner,	1	Telegraph operators,	2
Hostlers,	3	Upholsterer,	1
Jeweler,	1	Waiter,	1
Laborers,	40	Weavers,	12
Laster,	1		
Livery stable keeper,	1	Total,	198
Loom fixer,	1	Unknown,	5
Machinists,	3		
Mariners,	5	Total,	203

6. — *Occupations of Insane Persons first admitted, etc.* — Concluded.

FEMALES.

Clerk,	1	Mill operatives,	11
Domestics,	11	No occupation,	15
Housekeepers,	14	Shoe operative,	1
Housewives,	14	Teacher,	1
Jeweler,	1	Weavers,	5

WIFE OR DAUGHTER OF —

Attorney,	1	Mill operatives,	5
Baker,	1	Overseer in mill,	1
Belt maker,	1	Painter,	1
Bookkeeper,	1	Pedler,	1
Butcher,	1	Plumber,	1
Cabinet makers,	2	Quarryman,	1
Car inspector,	1	Real estate agent,	1
Carpenters,	5	Silver plate worker,	1
Clerks,	2	Ship carpenter,	1
Contractor,	1	Shipper,	1
Engineer,	1	Shoe cutter,	1
Farmers,	19	Stable keeper,	1
Gardener,	1	Tack maker,	1
Hostler,	1	Tailor,	1
Jeweler,	1	Teacher,	1
Laborers,	10	Watchmen,	2
Marble cutter,	1	Weavers,	6
Masons,	2		
Mechanics,	2	Total,	156
Metal polisher,	1		

8. — Probable Causes of Mental Disease in Persons first admitted to Any Hospital.

EXCITING CAUSES.	ADMITTED.			PREDISPOSING CAUSES.					
	Males.	Females.	Totals.	HEREDITARY TENDENCY.			NEUROTIC TENDENCY.		
				Males.	Females.	Totals.	Males.	Females.	Totals.
<i>Physical.</i>									
Alcoholic intemperance,	45	11	56	—	—	—	12	—	12
Alcoholic intemperance and grief,	2	—	2	—	—	—	—	—	—
Alcoholic intemperance and injury to head,	1	—	1	—	—	—	1	—	1
Alcoholic intemperance and loss of work,	1	—	1	—	—	—	—	—	—
Alcoholic intemperance and morphinism,	—	1	1	—	—	—	—	—	—
Alcoholic intemperance and senility,	2	—	2	—	—	—	—	—	—
Alcoholic intemperance and worry,	1	2	3	—	—	—	—	—	—
Arteriosclerosis,	—	2	2	—	—	—	—	—	—
Cerebral hemorrhage,	—	2	2	—	—	—	—	—	—
Cocainism,	—	1	1	—	—	—	—	—	—
Cocainism and immorality,	—	1	1	—	—	—	—	—	—
Congenital,	8	—	8	1	—	1	—	—	—
Epilepsy,	4	6	10	—	—	—	—	—	—
Heredity,	9	25	34	9	22	31	1	6	7
Heredity and alcoholic intemperance,	2	1	3	2	1	3	—	—	—
Heredity and domestic troubles,	—	1	1	—	1	1	—	—	—
Heredity and overwork,	—	1	1	—	1	1	—	—	—
Heredity and surgical operation,	—	1	1	—	1	1	—	—	—
Heredity and senility,	1	3	4	1	3	4	—	—	—
Heredity and trauma,	1	—	1	1	—	1	—	—	—
Ill health,	1	—	1	—	—	—	—	—	—
Ill health and worry,	1	—	1	—	—	—	—	—	—
Infectious disease and intemperance,	1	—	1	—	—	—	—	—	—
La grippe and bronchopneumonia,	1	1	2	—	—	—	—	—	—
Masturbation,	1	—	1	—	—	—	—	—	—

9. — Probable Duration of Mental Disease before Admission.

PREVIOUS DURATION.	FIRST ADMISSION TO ANY HOSPITAL.		
	Males.	Females.	Totals.
Congenital,	3	1	4
Under 1 month,	35	32	67
From 1 to 3 months,	30	19	49
3 to 6 months,	15	13	28
6 to 12 months,	14	5	19
1 to 2 years,	21	16	37
2 to 5 years,	20	16	36
5 to 10 years,	7	7	14
10 to 20 years,	3	7	10
Over 20 years,	1	—	1
Totals,	149	116	265
Unknown,	54	40	94
Totals,	203	156	359
Average known duration (in years),	1.3	2.1	1.7

[illegible]

11.—Discharges of the Insane, classified by Admission and Result, and Deaths.

NUMBER OF THE ADMISSION.	RECOVERED.			CAPABLE OF SELF-SUPPORT.			IMPROVED.			NOT IMPROVED.			NOT INSANE.			DIED.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First to this hospital, .	20	14	34	26	2	28	40	37	77	11	9	20	1	1	2	53	57	110	151	120	271
Second to this hospital,	2	3	5	4	2	6	8	2	10	3	1	4	—	—	—	5	4	9	22	12	34
Third to this hospital,	—	2	2	—	1	1	—	—	—	—	—	—	—	—	—	—	1	1	—	4	4
Fourth to this hospital,	—	1	1	2	—	2	—	—	—	1	—	1	—	—	—	1	1	2	4	2	6
Fifth to this hospital, .	—	—	—	—	1	1	—	1	1	—	—	—	—	—	—	—	—	—	—	2	2
Sixth to this hospital, .	—	—	—	2	—	2	—	—	—	1	—	1	—	—	—	—	—	—	3	—	3
Twentieth to this hos- pital,	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1
Totals,	23	20	43	34	6	40	48	40	88	16	10	26	1	1	2	59	63	122	181	140	321
First admitted to any hospital,	17	13	30	25	2	27	31	32	63	10	9	19	1	1	2	47	52	99	131	109	240

12. — Cause of Death, and Form of Mental Disease in Persons who died — Continued.

CAUSE.	AGGREGATES.		IMBECILITY.			DEMENTIA PRÆCOX.			EPILEPTIC INSANITY.			PARANOID CONDITION.			ALCOHOLIC INSANITY.			GENERAL PARALYSIS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.
<i>Diseases of the Circulatory System.</i>																				
Arteriosclerosis and senile dementia.	.	.	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1
Arteriosclerosis and manic-depressive insanity.	.	.	1	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1
Arteriosclerosis and cerebral hemorrhage.	.	.	1	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1
Arteriosclerosis and organic brain disease.	.	.	1	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1
Fatty degeneration of heart and general paralysis.	.	.	1	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1
Organic heart disease.	.	.	1	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1
Organic heart disease and dementia præcox.	.	.	1	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1
Organic heart disease and general paralysis.	.	.	1	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1
Organic heart disease and chronic gastritis.	.	.	1	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1
Organic heart disease and dementia præcox.	.	.	1	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1
Valvular heart disease and manic-depressive insanity.	.	.	1	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1
Valvular heart disease and involution psychosis.	.	.	1	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1
Valvular heart disease, chronic bronchitis and senile dementia.	.	.	1	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1
Valvular heart disease and senile dementia.	.	.	1	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1
Valvular heart disease and cerebral thrombosis.	.	.	1	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1
<i>Diseases of the Respiratory System.</i>																				
Acute bronchitis and senile dementia.	.	.	3	2	1	3	1	1	2	1	1	2	1	1	2	1	1	2	1	1
Acute bronchitis and general paralysis.	.	.	1	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1
Bronchopneumonia and grippe.	.	.	1	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1
Bronchopneumonia and senile dementia.	.	.	1	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1
Bronchopneumonia and general paralysis.	.	.	4	1	1	5	1	1	2	1	1	2	1	1	2	1	1	2	1	1
Bronchopneumonia and organic brain disease.	.	.	1	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1
Bronchopneumonia and epilepsy.	.	.	1	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1
Bronchopneumonia and hydrocephalus.	.	.	1	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1
Chronic bronchitis and senile dementia.	.	.	1	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1
Chronic bronchitis, anæmia and manic-depressive insanity.	.	.	1	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1
Lobar-pneumonia and paranoid condition.	.	.	1	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1
Lobar-pneumonia and manic-depressive insanity.	.	.	1	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1
Lobar-pneumonia and senile dementia.	.	.	3	1	1	4	1	1	2	1	1	2	1	1	2	1	1	2	1	1
Lobar-pneumonia and general paralysis.	.	.	1	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1

13. — Duration of Mental Disease and its Treatment in Patients who recovered or died.

PERIOD.	FIRST ADMITTED TO ANY HOSPITAL.						ALL OTHER ADMISSIONS.					
	DURATION BEFORE ADMISSION.			HOSPITAL RESIDENCE.			WHOLE DURATION.			WHOLE KNOWN PERIOD OF MENTAL DISEASE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Recovered: —												
Under 1 month, . . .	2	5	7	4	2	6	1	—	1	—	—	—
From 1 to 3 months, . . .	6	2	8	7	4	11	2	2	4	2	—	2
3 to 6 months, . . .	2	1	3	4	1	5	7	1	8	2	—	2
6 to 12 months, . . .	1	—	1	2	2	4	—	2	2	1	2	3
1 to 2 years, . . .	—	—	—	—	2	2	1	1	2	—	1	1
2 to 5 years, . . .	1	3	4	—	1	1	1	3	4	—	4	4
5 to 10 years, . . .	—	1	1	—	1	1	—	3	3	1	—	1
10 to 20 years, . . .	—	—	—	—	—	—	—	—	—	—	—	—
Over 20 years, . . .	—	—	—	—	—	—	—	—	—	—	—	—
Totals, . . .	12	12	24	17	13	30	12	12	24	4	3	7
Unknown, . . .	5	1	6	—	—	—	5	1	6	2	4	6
Totals, . . .	17	13	30	17	13	30	17	13	30	6	7	13
Average of known cases (in months),	41.0	17.5	29.2	2.6	18.2	10.4	6.5	36.0	21.2	32.2	29.3	30.7
										13.1	19.7	16.4

13. — Duration of Mental Disease and its Treatment in Patients who recovered or died — Concluded.

PERIOD.	FIRST ADMITTED TO ANY HOSPITAL.						ALL OTHER ADMISSIONS.					
	DURATION BEFORE ADMISSION.			HOSPITAL RESIDENCE.			WHOLE DURATION.			WHOLE KNOWN PERIOD OF MENTAL DISEASE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
B. — Died: —												
Under 1 month,	1	6	7	9	3	12	—	1	1	—	—	—
From 1 to 3 months,	3	7	10	10	11	21	1	4	5	—	—	—
3 to 6 months,	5	—	5	3	3	6	2	1	3	—	—	—
6 to 12 months,	3	2	5	7	5	12	2	3	5	2	—	2
1 to 2 years,	10	5	15	7	13	20	10	3	13	1	2	3
2 to 5 years,	5	12	17	6	13	19	11	14	25	2	1	3
5 to 10 years,	4	10	14	1	2	3	5	13	18	2	4	6
10 to 20 years,	3	1	4	2	2	4	3	4	7	1	1	2
Over 20 years,	2	2	4	2	—	2	2	2	4	2	—	2
Totals,	36	45	81	47	52	99	36	45	81	10	11	23
Unknown,	11	7	18	—	—	—	11	7	18	2	—	—
Totals,	47	52	99	47	52	99	47	52	99	12	11	23
Average of known cases (in months),	49.9	47.3	48.6	30.3	24.1	27.2	74.4	70.1	72.2	205.4	46.4	74.2